

## ***Project Summary and Justification***

**Department** Health  
**Division** Environmental Health

### **Project 1      Emergency Response Support Vehicle**

The purpose of this CIP is to purchase a vehicle to enable Lincoln-Lancaster County Health Department (LLCHD) Chemical Emergency Response staff to: respond more quickly; work more effectively and efficiently in protecting the public's health and the environment in Lincoln and Lancaster County; and work in a safer environment. This request has been included in the approved CIP plan with a FY 2002 target date for the past three fiscal years.

LLCHD Chemical Emergency Response staff respond to chemical and hazardous material spills and releases throughout the County, 24 hours per day, seven days a week, 365 days per year. In the last four fiscal years, LLCHD has responded to more than 630 hazardous material spills. This includes both events that involve LFD or Rural fire Departments (the majority) and events where LLCHD is the primary responder and the HIT Team is not involved. Examples of the latter include responses to mercury spills, indoor air contaminations, spills into creeks and dumpings of hazardous materials along county roadside rights-of-way or other property. LLCHD often remains on scene long after LFD responders have returned to their Station house in order to assure that the environmental clean-up is done correctly. This ranges from an hour to being on-site many hours over several days.

The Health Department's role in chemical emergency response is three fold. First to assess the level of risk to the public, emergency responders, and others at the scene who may have been exposed. Second, LLCHD provides advice to the public, emergency responders, and health care personnel about how to minimize the risk and treat exposed individuals and the environment. Third, the Department takes whatever emergency action is required to assure the protection of the public. The goal is to reduce the risk of direct exposure for people and further contamination of the environment.

The vehicle will provide critical support functions to the incident command structure when LFD is involved, and independently for the LLCHD staff in support of responses not involving LFD and during investigative and analytical field work activities. Support functions include providing:

- a) protection from snow, wind, rain, and heat; serve as a place to retreat where damaged, dirty, or wet clothing can be changed;
- b) safe and adequate storage space for equipment used in responses, such as sensitive environmental testing equipment (photo-ionization detector, mercury analyzer, etc.) Over-boots, response gear, sampling supplies, computer, cell phone, radio, fax machine, etc.
- c) providing a reasonable place to interview the responsible party;
- d) providing a simple laboratory to identify the material released and in certain situations to safely package and transport materials;
- e) reliable communication: person to person, via phone and radio, fax and computer. This is essential in quickly and efficiently reducing the risk to the public posed by the release of hazardous materials; and
- f) a place where the technology now available (e.g. computer modeling linked with the City GIS system) can be put to very practical use directly in the field, greatly increasing the speed of decision-making, a critical factor in emergency response.

***Project Summary and Justification (Continued)***

**Department** Health

**Division** Environmental Health

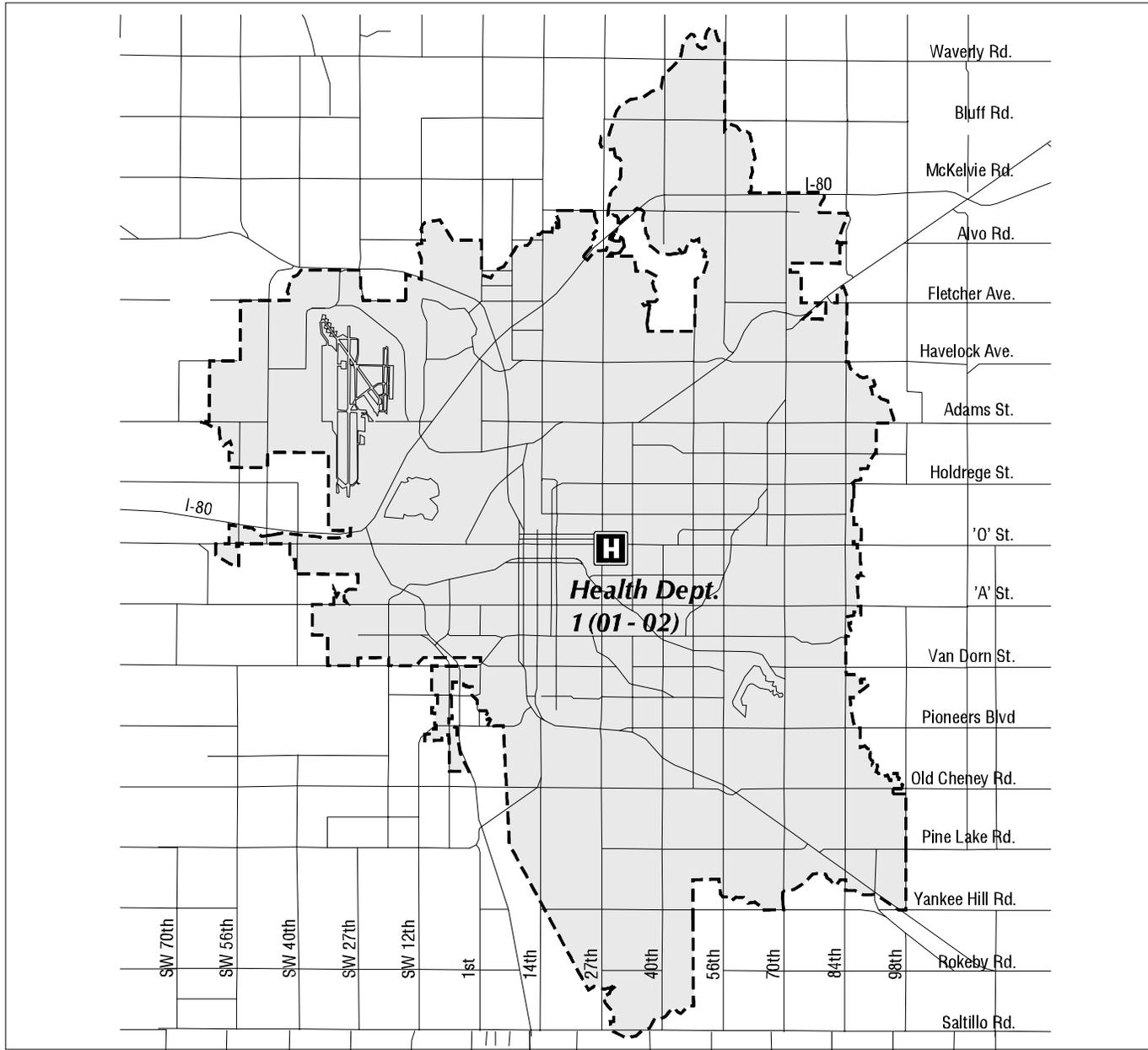
The proposed emergency response support vehicle would consist of a four-wheel drive F-350 Ford Chassis (or similar model) with a box mounted to it much like that of an ambulance. The box would be 136" long, 92" wide, and 68" high. The features inside the box would include:

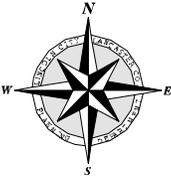
1. A stainless steel desk surface for the computer and chemical identification field lab. Two rotating post chairs and a bench chair with under seat storage for equipment.
2. Power and Communications: Power supply for a computer, projection monitor, printer, fax machine and other equipment; cellular phone, radio base station, and battery charger; field weather stations with cables to hook to the computer.
3. Storage: Inside storage compartment for clothing and response gear; overhead storage compartments for lab supplies and reference books. Smaller floor level storage for safety equipment, fire extinguisher, first aid kit and eyewash bottles. External storage for electric generator, spill cleanup supplies, light kits, shovels, brooms and dirty equipment. External storage area for transporting limited quantities of empty containers and packaging materials.
4. Lighting: Recessed external high power halogen light fixtures for scene lighting and tripod light sets for remote lighting with cable reel; traffic hazard lighting and "smart Bar" Traffic marker (no lights and sirens).
5. Other: Projection monitor suspended from ceiling and screen mounted on the back wall; LLCHD logo and Emergency Response Support Vehicle markings, blue color on white background; air conditioning and heat provided to box area.

Cost of vehicle is estimated at \$100,000: Emergency Support Vehicle-\$80,000; Generator, light sets and cables-\$5,000; Radio and cellular phone-\$2,500; Computer system-\$10,000; and Weather station-\$2,500.

# Lincoln CIP 2001 - 2007

# Health Environmental Health



<b>L e g e n d</b>	<p><b>Lincoln Year 2015 Service Limit Shown as Grey</b></p>
	<p>Map prepared by City - Co. Planning Dept GIS Section</p>  <p>M I L E S</p> 

*List of Projects*      *Department: Health*

Project Number	Project Title
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1	Emergency Response Support Vehicle
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\*Project number in parenthesis indicates project is not shown on the map.

2001 - 2007 CAPITAL IMPROVEMENT PROGRAM

DIVISION: ENVIRONMENTAL HEALTH

(1)	(2)	(3)	5% Inflation per year (4)						
PROJ. NO.	PROJECT TITLE	PROJ. PRIO.	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)						
			2001-2002 FS	2002-2003 FS	2003-2004 FS	2004-2005 FS	2005-2006 FS	2006-2007 FS	
1	Emergency Response Support Vehicle	A	63.0 GR 37.0 CO						
	FUNDING SOURCE BREAKDOWN:								
	CO (Lancaster County)		37.0	0.0	0.0	0.0	0.0	0.0	0.0
	GR (General Revenue)		63.0	0.0	0.0	0.0	0.0	0.0	0.0
	DEPARTMENT TOTAL:		=====	=====	=====	=====	=====	=====	=====
			100.0	0.0	0.0	0.0	0.0	0.0	0.0

(5)	(6)	(7)		(8)	(9)	(10)	(11)						(1)	
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2006-2007 (000's)	PRIOR APPROPRIATIONS		TOTAL CAP COSTS (000's) (5)+(6)+(7)	COMP PLAN CONFORM	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)						PROJ. NO.	
		(000's)	YEAR FS				PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH	OTHER (EXPLAIN)		
100.0	NONE	NONE			GCP	1							100.0 (Purchase vehicle)	1
37.0														
63.0														
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100.0														